

<u> X </u>		Return receipt postcard
<u> </u>		Patent Application Bibliographic Data Sheet
<u> X </u>	<u> 1 </u>	Page application cover sheet
<u> X </u>	<u>76 </u>	Pages of specification (includes claims and abstract)
<u> X </u>	<u>13 </u>	Sheets of drawing(s)
<u> </u>	<u> </u>	Pages of an executed Declaration for Patent Application
<u> </u>		An executed Power of Attorney for Patent Application by Assignee
<u> </u>		Paper copy of sequence listing, pages ____ through ____
<u> </u>		Sequence listing in computer readable form
<u> </u>		Statement Under 37 CFR 1.821(f)
<u> </u>		An executed assignment and cover sheet
<u> </u>		An executed Statement Under 37 CFR 3.73(b)
<u> </u>		An executed small entity statement
<u> </u>		Request for Nonpublication and Certification
<u> </u>		Also enclosed:

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate		Fee	
					Small Entity	Other Entity	Small Entity	Other Entity
Total Claims	35 - 20	=	35	x	\$9	\$18	=	\$
Indepen- dent Claims	3- 3	=	0	x	\$43	\$86	=	\$
Multiple Dependent Claims Presented: __ Yes <u>X</u> No					\$145	\$290		\$
					BASIC FEE		\$385	\$770
					TOTAL FEE		\$	

___ Please charge my Deposit Account No. _____ in the amount of \$____. A duplicate copy of this sheet is enclosed.

X The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.

___ The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,

Date: December 11, 2003



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